

## BRIEF DESCRIPTION OF THE DRAWINGS

- FIG. 1 is a block diagram illustrating a prior art communication network;
- FIG. 2 is a block diagram of one embodiment of a communication network according to the invention;
- FIG. 3 is a block diagram of one embodiment of the scheduling module of FIG. 2, according to the invention;
- FIG. 4 is a block diagram of an embodiment of the scheduling module of the receiver of FIG. 2, according to the invention;
- FIG. 5 is a block diagram of an embodiment of the scheduling module of the intermediary of FIG. 2, according to the invention;
- FIG. 6 is a block diagram of an embodiment of the scheduling module of the sender of FIG. 2, according to the invention;
- FIG. 7A is a block diagram of one embodiment of the admission control module of FIG. 3, according to the invention;
- FIG. 7B is a block diagram of an alternative embodiment of the admission control module of FIG. 3, according to the invention;
- FIG. 7C is a block diagram of one embodiment of admission control module 310, according to the invention.
- FIG. 8A is a diagram of processing of a request for a data transfer according to one embodiment of the invention;
- FIG. 8B is a diagram of further processing of a request for a data transfer according to one embodiment of the invention;
- FIG. 8C is a diagram of further processing of a request for a data transfer according to one embodiment of the invention;